

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number
WO 2005/080822 A3

(51) International Patent Classification:
F16H 57/02 (2006.01) *B60K 17/16* (2006.01)

(21) International Application Number:
PCT/IB2005/000195

(22) International Filing Date: 27 January 2005 (27.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2004-024091 30 January 2004 (30.01.2004) JP

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

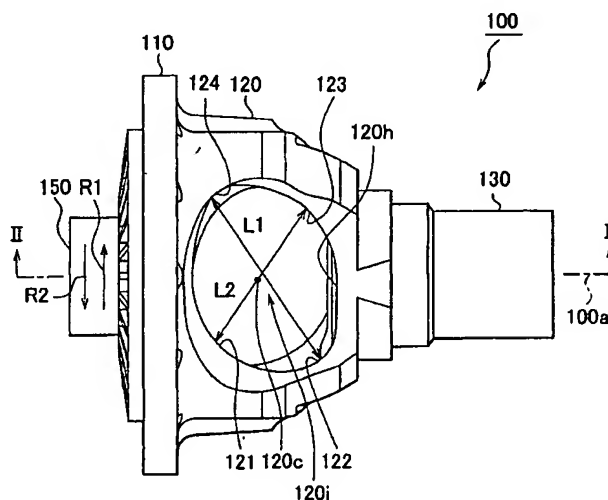
Published:

— with international search report

(88) Date of publication of the international search report:
26 October 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DIFFERENTIAL GEAR UNIT



(57) Abstract: A differential gear unit (100) divides an input driving force into a first and a second outputs, and permits a difference between the first and the second outputs. The differential gear unit (100) includes a differential case (120) serving as a casing which defines an internal space (120i) and an opening (120h) communicated with the internal space (120i) and which is rotatable in a given direction (R1) and an opposite direction (R2). The differential case (120) includes a flange portion (110) as an input portion to which the driving force is input. The differential case (120) is configured such that the fatigue life of the differential case (120) when the driving force is repeatedly input in the flange portion (110) in the direction R1 is longer than the fatigue life of the differential case (120) when the driving force is repeatedly input in the flange portion (110) in the opposite direction (R2).

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